

MAGNETIC STORM SUDDEN COMMENCEMENTS AND SOLAR FLARE EFFECTS (PRELIMINARY REPORT ON RAPID MAGNETIC VARIATIONS)

March 2002

Storm Sudden Commencements (SSC)			Solar Flare Effects (sfe)		
Day	Time	Quality: Station Group*	Day	Begin-End	Station(s)
18	1322	A: NUR VAL* HRB* NAG* SPT* GUI* ETT B: SOD* NGK* BDV* EBR* QTA HYB GNA CNB LIV C: GCK*	11	0430-0530	VAL
			13	0723-0745	HYB ETT
			13	1231-1322	GUI
			14	0142-0230	MMB KAK KNY
20	1328	A: VAL* B: NUR* CLF* NAG* SPT* HYB GNA CNB C: NGK* BDV* ETT	17	1017-1029	BDV+
			18	1144-1215	NGK BDV
23	1137	A: VAL CLF* HRB* GUI B: NUR* NGK* BDV* MMB EBR* SPT* KAK KNY HYB ETT GNA CNB LIV* C: GCK*	26	2157-2250	VAL
			31	1950-2055	VAL
29	2237	A: VAL CLF HRB B: BDV EBR SPT GUI ETT LIV* C: NGK NAG GCK* QTA			

REPORTING OBSERVATORIES (up to the 3rd of May 2002):

SOD NUR NGK VAL BDV CLF HRB NAG GCK MMB EBR SPT KAK KNY QTA GUI HYB ETT GNA CNB LIV

Three-letter codes identify each observatory. Reporting stations have been grouped by the character of the observed event. The letter A means very remarkable; B means fair, but unmistakable; C means very poor, doubtful; and - means no quality figure given. The * means that the SSC, at least in one component, was preceded by a small reversed impulse. SSCs are given only when five or more stations report the event. SFEs include all reports. If an SFE is confirmed by solar or ionospheric events, the name of the station is identified with a plus sign (+).

Note that we have included data of the Antarctic Station LIVINGSTONE (62° 39' 44" S, 60°23' 41" W) -- Luis F.